Appendix A

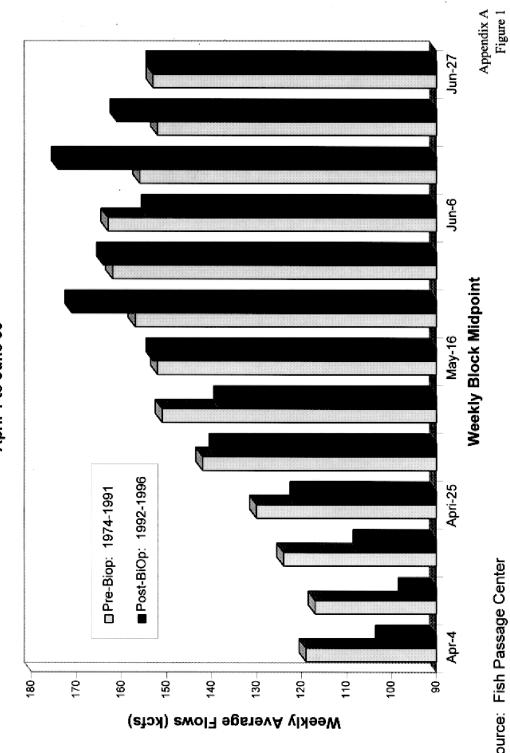
Figure 4 is equivalent to Figures 6 and 7 in:

Giorgi, A.E., T.W. Hillman, J.R. Stevenson, S.G. Hays, and C.M. Peven. 1997. Factors that influence the downstream migration rates of juvenile salmon and steelhead through the hydroelectric system in the mid-Columbia River basin. North American Journal of Fisheries Management 17:268-282.

Figure 5 is equivalent to Figure 3b in:

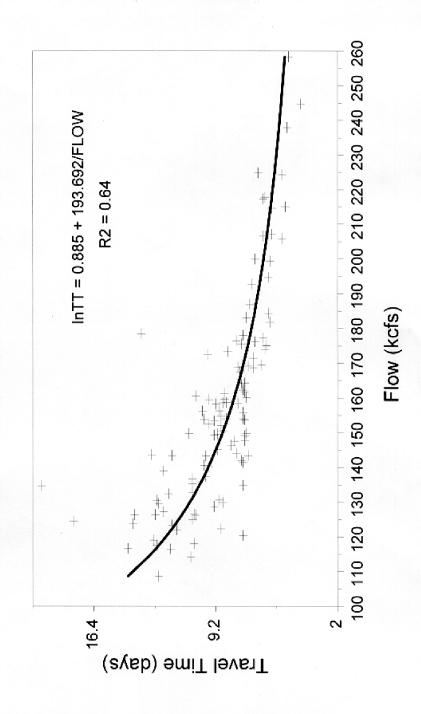
Berggren, T.J. and M.J. Filardo. 1993. An analysis of variables influencing the migration of juvenile salmonids in the Columbia River basin. North American Journal of Fisheries Management 13:48-63.

Pre- versus Post-BiOp Flows **Priest Rapids Dam** April 1 to June 30



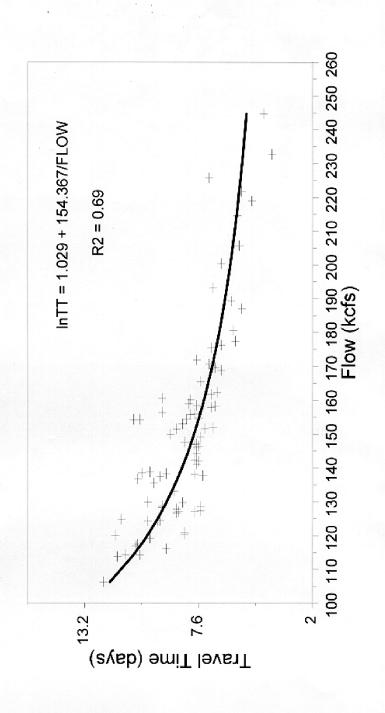
Source: Fish Passage Center

IRAFT



ource: Fish Passage Center

DRAFT

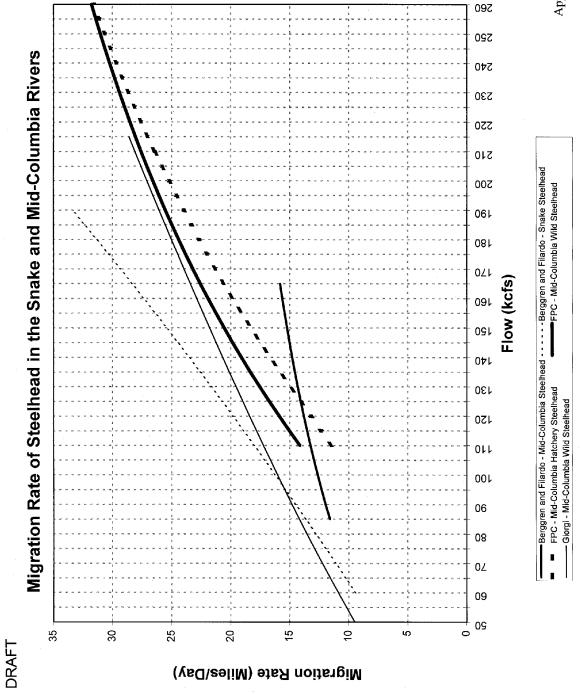


 $y = 6.445e^{-0.0518x}$ $R^2 = 0.3676$ Appendix A Figure 6

45

4

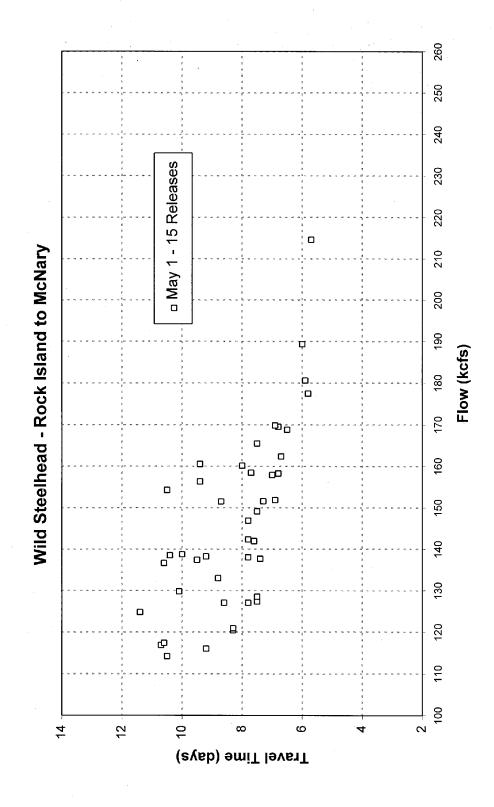
35



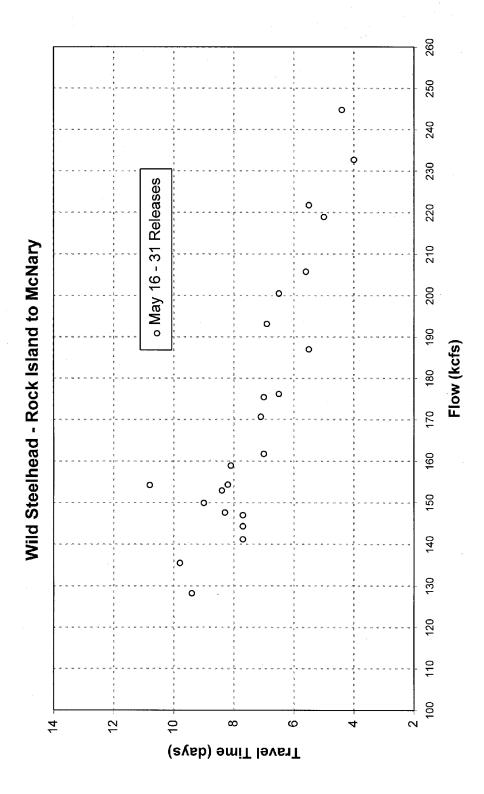
DRAFT

Source: WDFW

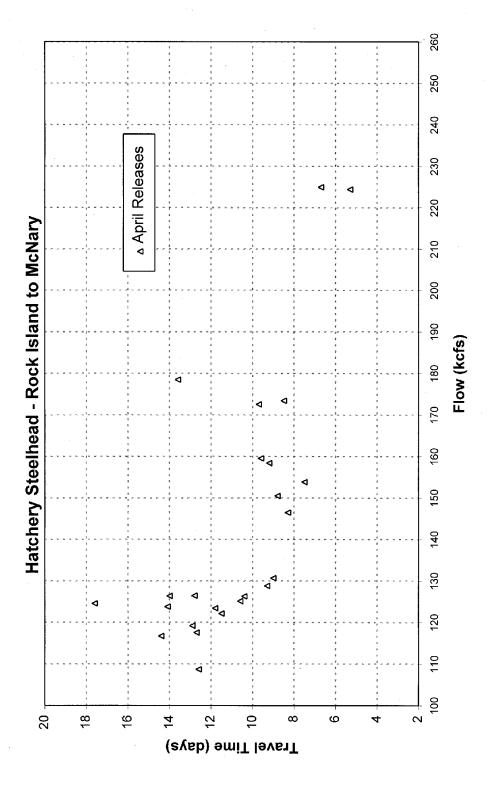
Appendix A Figure 8



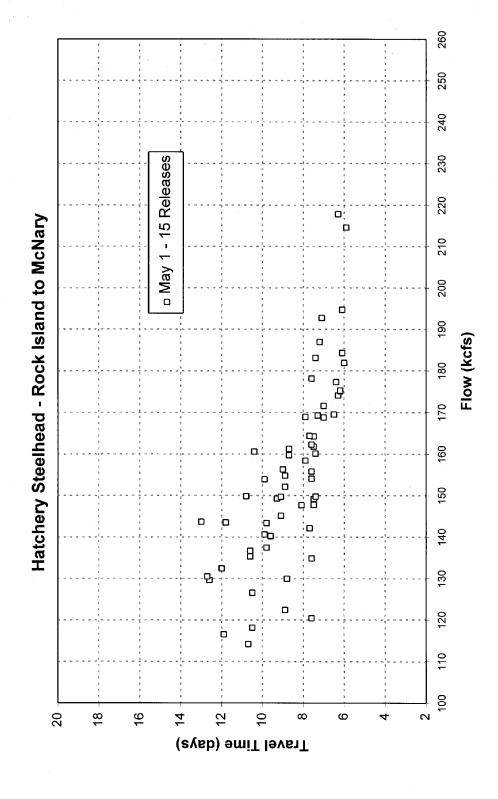
Source: WDFW



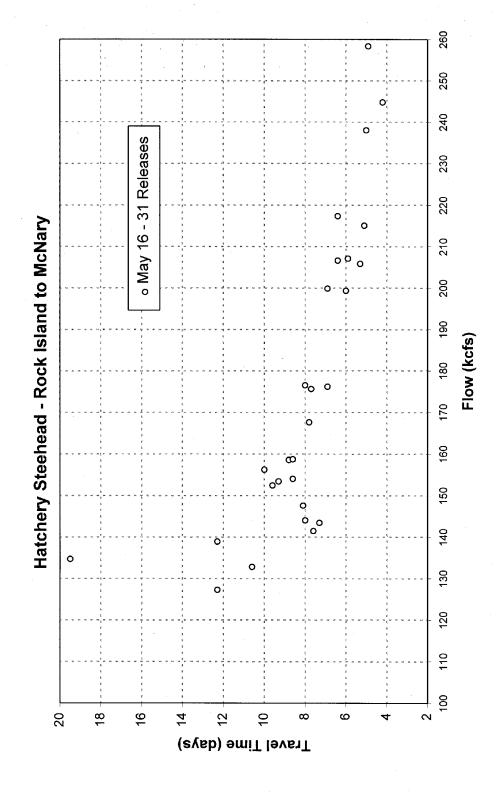
<



Source: WDFW



Source: WDFW



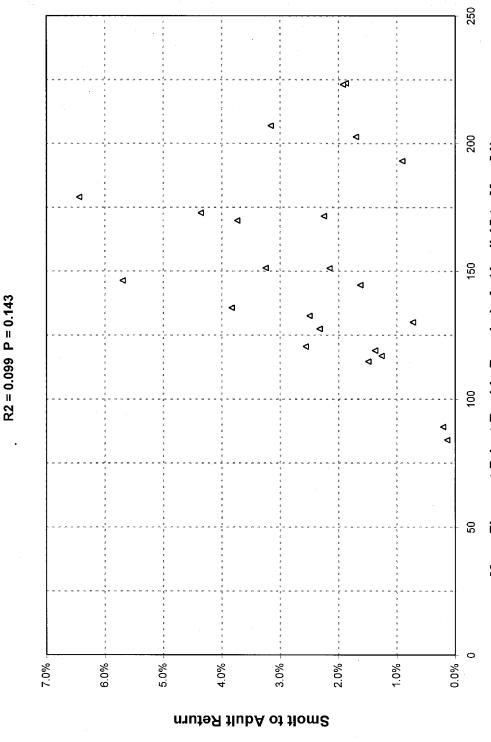
Source: WDFG

Mid-Columbia Hatchery Steelhead

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Mid-Columbia Steelhead (Wild and Hatchery) - 1962-1984.



Mean Flows at Priest Rapids Dam in kcfs (April 15 to May 31)

Source: Raymond 1988.

Appendix A Figure 15





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